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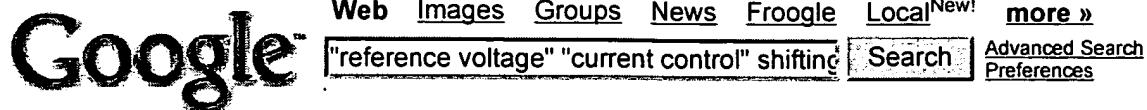
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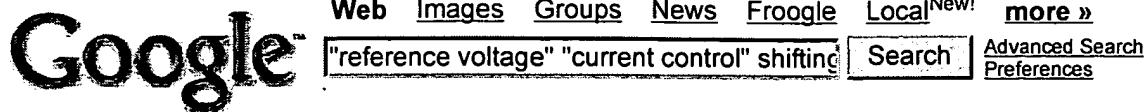
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1. [review.PDF](#)
Jul 2001
...to a clean **reference**. A test-input...pre-amplifier using a **voltage** step applied...the step is **controlled** by two DC...Principle of the **current-starving** scheme. The **voltages** vbp and vbn **control** the switching...switched used to **control** the preamplifier...chip (step **voltage** injected...the "clean **reference**" of the chip...the pre-amp **current** mirror out...
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2. [Microsoft Word - Lic Thesis pft v7.doc](#)
Sep 2003
...such as fast **control** of active...to fault **currents**. During the 1990s new HVDC **Voltage** Source Converters...14 2.8.2 **Voltage** and power...23 3.1 **Control** of power...conventional Phase **Shifting** Transformers...31 3.2 **Control** of active...between Phase **Shifting** Transformer...41 3.3 **Current** Limiting...
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3. [Study of radiation effects in COTS semiconductors for use in high energy physics experiments](#)
May 2002
...and the CAN **currents** . . . 91...change in the **reference voltage** and the analog...Measurement of the **reference voltage**, before and...analog and CAN **currents** measured...regulators and the **voltage reference** circuit...of the CAN **currents** measured...
[\[http://folk.uio.no/hallvark/Kvedalen.pdf\]](#)
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4. [1](#)
Jun 2003
...adjustable, loadable **control** parameters, including...for external **voltage** overriding for...excessive DC **current** input during...pipeline has a fixed **voltage** gain of three...set via digital **control** to have any value...Polarity bit **controls** the direction...and negative **current** input signals...
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5. [ISL6402](#)

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All of the following
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Jul 2004

...Response - **Voltage** Feed-Forward with **Current Mode Control** · QFN Packages... μ A pull-up **current** source charges...amplifier **reference voltage** ramps from...regulator **controller**. OCSET2...300kHz. The **current mode control** scheme with an input **voltage** feed-forward...
[more hits from \[http://www.intersil.com/data/fn/fn9123.pdf\]](http://www.intersil.com/data/fn/fn9123.pdf)
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6. Power Supplies for the Ring Magnets of the Synchrotron X-Ray Source at ANL

Jan 2003

...DAC) is the **reference** for the **current** regulator...the dc bus **voltage** are corrected...**voltage** loop **controlled** by the **current**...amplifier of this **control** loop receives...difference of the **reference voltage** V_{ir} (magnet **current** value set...cost of the **reference voltage** and the **current** measuring...rectifier phase **control** of the 12-phase...
[\[http://accelconf.web.cern.ch/AccelConf/p87/PDF/PAC1987...\]](http://accelconf.web.cern.ch/AccelConf/p87/PDF/PAC1987...)
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7. An inductive load drive device

Yoshida, Daisuke / Hagiwara, Masao / Kawaji, Yasushi / KOMATSU LTD.,
EUROPEAN PATENT APPLICATION, Aug 2004

...raising the **voltage** applied to the coil and a **current control** circuit for...using the **current control** circuit to...the applied **voltage** when the...described with **reference** to the drawings...power source **voltage** by a power...increasing the **current** of closed...
Full text available at patent office. For more in-depth searching go to  **LexisNexis**
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8. Auto-calibrated digital-to-analog converter for a video display

Dingwall, Andrew / Thomson, EUROPEAN PATENT APPLICATION, Jul 2004

...common in a **current** mirror arrangement by a **control** signal. The...its output **voltage** at full scale to a **reference voltage**...change in the **control** signal varies each of the **currents** of the **current**...the same **reference voltage** is used in...shown, of a **reference voltage** V_{REF} corresponding...transistor 135, a **current control** resistor...
Full text available at patent office. For more in-depth searching go to  **LexisNexis**
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9. Semiconductor device for detecting and adjusting a threshold value variation

Nadal Guardia, Rafael / Infineon Technologies AG, EUROPEAN PATENT APPLICATION, Jun 2004

...potential **control**. The object...length, a **reference** circuit providing...**reference voltage** value, a...DUT), a **current** circuit providing...invention to **control** the **current** consumption...pump as a **voltage** source. Thus...**voltage** of the **reference** circuit...explained with **reference** to the accompanying...threshold **voltage** value versus...proposed leakage **current control** method whereby...
Full text available at patent office. For more in-depth searching go to  **LexisNexis**
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10. Timing signal generating circuit, semiconductor integrated circuit device and semiconductor integrated circuit system to...

Tamura, Hirotaka / Araki, Hisakatsu / Wakayama, Shigetoshi / Gotoh, Kohtaroh / Ogawa, Junji / FUJITSU LIMITED, EUROPEAN PATENT APPLICATION, Dec 2004

...circuit, and a **voltage-controlled** oscillator...corresponding to the **reference** signal in...by varying **voltage** conversion...converted **current** signals with the **reference** signal. The **control** signal sent...converting the **control current** signal to a **voltage** signal may...
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3. [E:\alevi\dir.text\dir.bindu\PhD Thesis\BinduThesis.pdf](#)

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[http://pericles.ipaustralia.gov.au/ols/epublish/conten...]
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5. [epi_fly1.p65](#)

Oct 2003

...Process and Machine **Control**...G01R-019-029) S01-D01 (2000) **Currents** or **voltages** (G01R-019) S01-D01A...Other functions of **currents** or **voltages** (G01R-019) S01-D01B...ac waveform. Level **reference**, hysteresis S01-D01C...
[http://www.delphion.com/derwent/docs/EPI%20Manual%20Co...]
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- 6. LOW LATENCY MULTI-LEVEL COMMUNICATION INTERFACE
ZERBE, Jared, L. / GARLEPP, Bruno, W. / CHAU, Pak, S. / DONNELLY, Kevin, S. / HOROWITZ, Mark, A. / SIDIROPOULOS, Stefanos / GARRETT, Billy, W., Jr. / WERNER, Carl, W. / RAMBUS INC., PATENT COOPERATION TREATY APPLICATION, Jul 2001
...incorporated by **reference** for all purposes...of well- **controlled** waveforms...amplitude of the **voltage** swing, the...respect to a **reference voltage** Vref, and...clock-b, **control** the operation...level via a **current** sink 120...equal to the **reference voltage** VFEF, the...
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...Supply **Voltage** Effects on Drive **Current** and Propagation
Delay 44...Demultiplexer with Injection **Current** Effect
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[<http://www.onsemi.com/pub/Collateral/DL129-D.PDF>]
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Mechanisms...408 **References**...
[http://www.usc.edu/dept/engineering/eleceng/Adv_Networ...]
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3. The Illustrated Dictionary of Electronics

Apr 2001

...SI unit for **current**). A Symbol for...terminal of filament-
voltage source in a vacuum-tube...automatic aperture **control**
(NASA). AAS Abbreviation...highest supply **voltage** that can be
applied...measurement of **current** Measurement
of...Measurement of a **voltage** directly in terms...CALORIMETRIC
method: A **current**- carrying coil...
[<http://home.zcu.cz/fel/kae/aes2/Dictionary%20of%20Elec...>]
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4. thesis.book

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...Process and Machine **Control**...G01R-019-029) S01-D01 (2000) **Currents or voltages** (G01R-019) S01-D01A...Other functions of **currents or voltages** (G01R-019) S01-D01B...ac waveform. Level **reference**, hysteresis S01-D01C...
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...electrical network in which the **voltage** polarity and directions of **current** flow change continuously...of the AC steady-state **voltage** and **current** at the terminals. rep...phase angle by which the **voltage** leads the **current**. c 2000 by CRC Press LLC...
[http://www.dee.ufma.br/~fsouza/dict_laplante.pdf]
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- 8. 50037tif.qxd**
Apr 2001
...Settings," "ADC Settings," and "**Current Control** Selection." "Interface Settings...trigger level. Finally, "**Current Control** Selection" pro- vides the...interfaces for ADCs and DACs are **currently** under development. **References** For more information related...
[http://www.cse.ohio-state.edu/~gb/cis888.12g/Papers/ti...]
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- 9. Preliminary**
Feb 2001
...Audio Status/**Control**.....32...15 Analog **Current** Adjust...Filtering and **Voltage References**10 Table 6...Record Select **Control** Registers28...19: Analog **Current** Adjust 34...**Reference Voltage** out 5mA drive...CAP2 O ADC **reference** Cap EAPD...Power Down **Control** 1.4 Power...
[http://www.alsa-project.org/alsa/ftp/manuals/sigmatel/...]
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- 10. High Speed Test Application**
Dec 2004
...33 5.5 VWIDTH/VDELAY **Control** Circuit...36 5.7 BIAS **Control** Circuit...37 5.8 DVH/DVL **Control** Circuit...
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41. [Timing signal generating circuit, semiconductor integrated circuit device and semiconductor integrated circuit system to...](#)

Tamura, Hirotaka / Araki, Hisakatsu / Wakayama, Shigetoshi / Gotoh, Kohtaroh / Ogawa, Junji / FUJITSU LIMITED, EUROPEAN PATENT APPLICATION, Dec 1998

...an output **voltage level** in accordance...circuit. The **control** signal generating...that of the **reference** signal, a...corresponding to the **reference** signal in...with the **control** signal. The...include a **voltage-controlled**...output **voltage level** in accordance...by varying **voltage** conversion...converted **current** signals with the **reference** signal. The **control** signal sent...

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42. [High voltage pulse power driver](#)

Russell, Robert Heathcote / Schleicher, Israel David / PHILIPS ELECTRONICS NORTH AMERICA CORPORATION, EUROPEAN PATENT, Apr 1989

...especially a **shifting** array, the precise **control** of this low...transducer element **driver** would require...controllable (**voltage**) supply...variable **voltage level** to each transducer...pulse power **drivers** comprises...variable low **voltage** power source...pulses at the **level** of potential...forming a **control voltage**...a **control current**, wherein...remains at the **level** set by the variable power **control** output of...from one **driver** circuit to...function. A high **voltage** power supply...through **current** flowing in...

Full text available at patent office. For more in-depth searching go to **LexisNexis**
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43. [Control system for a linear solenoid valve](#)

Mikami, Kazuhiro / Suzuki, Kenji / Kusafuka, Muneo / Sugiura, Masayuki / Tsutsui, Hiroshi / AISIN AW CO., LTD., EUROPEAN PATENT, Nov 1996

...inputted to a **voltage** correction...solenoid **driver** 9 to **control** the **current** of the linear...following with **reference** to Figs...electronic **control** unit 1 is...including: the **current** value setting...6 and the **voltage** correction...solenoid **driver** 9 for driving...In Fig. 2: **reference** characters...fluctuation of the **current** in the linear...B) In the **control** system for...invention, the **voltage** correction...the **voltage level** (Vig) of...to the **reference voltage**...

Full text available at patent office. For more in-depth searching go to **LexisNexis**
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44. [DC power supply with enhanced input power factor](#)

Bendall, Clark Alexander / Peterson, William Anders / Lockheed Martin Corporation, EUROPEAN PATENT APPLICATION, Jun 1997

...relates to **control** circuits for a direct **current/voltage** (DC) power...DC **voltage level** this conversion...Buck gate **driver** means 61...necessary **current** gain, isolation and/or **level shifting** needed to...Boost gate **driver** means 71...necessary **current** gain, isolation and/or **level shifting** needed to...

Full text available at patent office. For more in-depth searching go to LexisNexis similar results

45. Semiconductor driver for producing switching and offset signals

Hirayama, Hiromitsu / NEC CORPORATION, EUROPEAN PATENT, Sep 1989

...the laser **driver** is provided with a **reference** terminal...**reference voltage** of - 1.3V...through another **level shifting** circuit composed...sub2; and **current** supplying...devised a laser **driver** such as shown...the same **reference** numerals...an offset **current** supplying...sub9; and **voltage** dividing...Normally, a **voltage** of - 5.2V...semiconductor laser **driver**. Further...and second **level-shifting** circuits...

Full text available at patent office. For more in-depth searching go to LexisNexis similar results

46. POWER CONVERTER PROVIDING DESIRED OUTPUT WAVEFORM

SCOTT, Harold, C. / SUN, Chiping / PANDYA, Kandarp, I. / ANDERSON, William, J. / COLEMAN POWERMATE, INC., PATENT COOPERATION TREATY APPLICATION, Feb 1998

...provide high **current** at relatively low **voltage** levels, or...invention, the **controller** varies the...throttle **control** Figure 39...relatively high **voltage**, low **current** AC signal...diagram of the **control** system shown...diagram of the **reference voltage** generator...diagram of the **current** out-of-limits...

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47. ENERGY CONVERSION SYSTEM WITH ABNORMAL CONDITION RECOVERY

SCOTT, Harold, C. / SUN, Chiping / PANDYA, Kandarp, I. / ANDERSON, William, J. / COLEMAN POWERMATE, INC., PATENT COOPERATION TREATY APPLICATION, Feb 1998

...provide high **current** at relatively low **voltage** levels, or...invention, the **controller** varies the...throttle **control** Figure 39...relatively high **voltage**, low **current** AC signal...diagram of the **control** system shown...diagram of the **reference voltage** generator...diagram of the **current** out-of-limits...

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48. CONTROLLER FOR PERMANENT MAGNET GENERATOR

SCOTT, Harold, C. / ANDERSON, William, J. / COLEMAN POWERMATE, INC., PATENT COOPERATION TREATY APPLICATION, Aug 1996

...generators and to **voltage** and **current control** systems for...e. as the **current** increases, the **voltage** drops. Such...strictly **controlled**. This is...**voltage**, low **current** applications...a digital **control** circuit including...diagram of a **voltage** divider circuit...generating a **reference voltage** Figure...

Full text available at patent office. For more in-depth searching go to LexisNexis similar results

49. Process cartridge and image forming apparatus

Takeuchi, Makoto / Yashiro, Masahiko / Karakama, Toshiyuki / Numagami, Atsushi / CANON KABUSHIKI KAISHA, EUROPEAN PATENT, May 1997

...utilising a charging bias **voltage** obtained from the apparatus...remaining amount detection **voltage** Fig. 57 is a circuit...block diagram of a **control** means Fig. 60 is an...effecting the constant **current control** with DC **voltage** of about 1000 V), the...

Full text available at patent office. For more in-depth searching go to LexisNexis similar results

50. Semiconductor laser driving circuit, semiconductor laser device, image recording apparatus, and optical disk apparatus

Taguchi, Toyoki / Tazawa, Masayuki / KABUSHIKI KAISHA TOSHIBA, EUROPEAN

PATENT APPLICATION, Mar 1997

...a driving **current** to be supplied...laser, and a **control** circuit for...emission **level** setting **voltage**, and adjusting...a driving **current** to be supplied...laser, and a **control** circuit for...emission **level** setting **voltage** or the inverted...connected to a **control** terminal...constant **current** source, a...emission **level** setting **voltage** or the inverted...
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Renewable Energy, In Press, Corrected Proof, Available online 26 January 2005,
Nopporn Patchaprapkiti, Suttichai Premrudeepreechacharn and Yosanai Sriuthaisiriwong
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2. **Microprocessor-based overcurrent protection for PV powered air-conditioning system • ARTICLE**

Energy Conversion and Management, Volume 38, Issue 1, January 1997, Pages 29-37
Wagdy R. Anis, Hamid H. B. Metwally and Abd El-Shakour M. El-Samahy
[Abstract](#)

3. **Automatic control and data acquisition of magnetic β -ray spectrometer measurements • ARTICLE**

Nuclear Instruments and Methods, Volume 124, Issue 1, 15 February 1975, Pages 131-142
E. Sattler, H. H. Hansen, K. Hofmans, D. Mouchel, H. Nerb and H. Schipke
[Abstract](#)

4. **A two stage mass spectrometer for nuclear physics applications, part II • ARTICLE**

Nuclear Instruments and Methods, Volume 22, March 1963, Pages 169-185
W. A. P. Young, D. E. P. Silver, A. J. Hitchcock and H. W. Wilson
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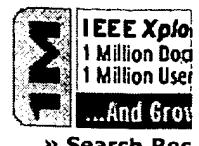
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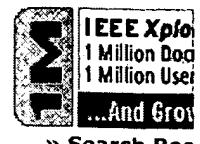
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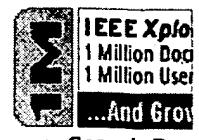
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